

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	(("6441449") or ("6798029")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/20 17:33
L2	433	((250/338.3) or (257/414,415,419,774,787) or (310/309,311,323.06) or (333/78,186) or (335/78) or (361/287,290)).CCLS.) and @pd>"20060202"	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/06/20 17:57
L3	3	(coventor or wispry adj inc) and @pd>"20060201"	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/06/20 17:58
L4	389	((257/316,414,415,419,602) or (310/311-320) or (333/246) or (361/278,281,283.2,283.3)).CCLS. and @pd>"20060202"	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/06/20 17:59
L5	391	((310/311,312,313R,313A,313B,313C,313D,314,315,316.01,316.02,316.03,317,318,319,320,321,322,323.01,323.02,323.03,323.04,323.05,323.06,323.07,323.08,323.09,323.11,323.12,323.13,323.14,323.15,323.16,323.17,323.18,323.19,323.21,324,325,326,327,328,329,330,331,332,333,334,335,336,337,338,339,340,341,342,343,344,345,346,347,348,349,350,351,352,353,354,355,356,357,358,359,360,361,362,363,364,365,366,367,368,369,370,371)).CCLS.) and @pd>"20060202"	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/06/20 18:00
L7	473	(micro-electro-mechanical micro adj electro-mechanical micro adj electro adj mechanical adj system MEMS) and (varactor variable adj (capacitor capacitance)) and @pd>"20040909"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/20 18:01
L8	9	(US-6587021-\$ or US-6639488-\$ or US-6160230-\$ or US-5578976-\$ or US-6281838-\$ or US-5959516-\$ or US-6232847-\$ or US-6074890-\$).did. or (US-20020070635-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/06/20 18:01

## EAST Search History

L9	8	(US-6433463-\$ or US-6662029-\$ or US-6483056-\$ or US-6479920-\$). did. or (US-20030127698-\$ or US-20020089254-\$ or US-20020050882-\$ or US-20020050881-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/06/20 18:01
L10	8	("20020050881"   "5578976"   "5638946"   "6046659"   "6057520"   "6175170"   "6232847"   "6535318").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/20 18:01
L11	9	("5629794"   "5920391"   "6331257"   "6483056"   "6504118"   "6522452"   "6538798"   "6566617"   "6639205").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/20 18:01
L12	12	("20030048170"   "4423401"   "5619177"   "5796152"   "5824186"   "6046659"   "6236300"   "6316278"   "6324748"   "6348851"   "6367251"   "6531947").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/20 18:01
L13	4	("20020131228"   "6229684"   "6377438"   "6701779").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/20 18:01
L14	14	("20020023999"   "20020055260"   "20020131228"   "20030207487"   "5970315"   "6040611"   "6396368"   "6410361"   "6495387"   "6555201"   "6555404"   "6583347"   "6630367"   "6746891").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/20 18:01
L15	630	(mems or micromechanical) and (tunable adj capacitor or varactor)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 18:01
L16	443	L15 and parallel	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 18:01
L17	630	(mems or micromechanical) and (tunable adj capacitor or varactor)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 18:01
L18	292	((radio adj frequency or RF) and (micro-electro-mechanical or MEMS) ) and cantilever and piezoelectric	US-PGPUB; USPAT	OR	OFF	2006/06/20 18:01

## EAST Search History

L19	1945	((250/338.3) or (257/414,415,419,774,787) or (310/309,311,323.06) or (333/78,186) or (335/78) or (361/287,290)).CCLS.) and @pd>"20040909"	US-PGPUB; USPAT	OR	OFF	2006/06/20 18:01
L20	473	(micro-electro-mechanical micro adj electro-mechanical micro adj electro adj mechanical adj system MEMS) and (varactor variable adj (capacitor capacitance)) and @pd>"20040909"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/20 18:01
L21	19	(coventor or wispry adj inc) and (capacitor capacitive capacitative capaciter)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 18:01
L22	6	L21 and parallel	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 18:01
L23	13	L21 not L22	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 18:01
L24	9	("5629794"   "5920391"   "6331257"   "6483056"   "6504118"   "6522452"   "6538798"   "6566617"   "6639205").PN	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/20 18:01
L25	12	("20030048170"   "4423401"   "5619177"   "5796152"   "5824186"   "6046659"   "6236300"   "6316278"   "6324748"   "6348851"   "6367251"   "6531947").PN	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/20 18:01
L26	14	("20020023999"   "20020055260"   "20020131228"   "20030207487"   "5970315"   "6040611"   "6396368"   "6410361"   "6495387"   "6555201"   "6555404"   "6583347"   "6630367"   "6746891").PN	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/20 18:01
L27	630	(mems or micromechanical) and (tunable adj capacitor or varactor)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 18:01

## EAST Search History

L28	443	L27 and parallel	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 18:01
L29	19	mems near4 (capacitance capacitive capacitor) and (titinate BST PZT) and cantilever	US-PGPUB; USPAT	OR	OFF	2006/06/20 18:01
L30	28	"4342936"	US-PGPUB; USPAT	OR	OFF	2006/06/20 18:01
L31	8	(("6717496") or ("20040012464") or ("6678943") or ("6646525") or ("6496351") or ("6229684") or ("6143997") or ("6127908")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/20 18:01
L32	8	(US-6433463-\$ or US-6662029-\$ or US-6483056-\$ or US-6479920-\$). did. or (US-20030127698-\$ or US-20020089254-\$ or US-20020050882-\$ or US-20020050881-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/06/20 18:01
L33	6	L21 and parallel	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 18:01
L34	8	("20020050881"   "5578976"   "5638946"   "6046659"   "6057520"   "6175170"   "6232847"   "6535318").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/20 18:01
L35	4	("20020131228"   "6229684"   "6377438"   "6701779").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/20 18:01
L36	27	(L34 L24 L25 L35 L26) and (capacitor capacitive capacitative capacitor)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/20 18:01
L37	630	(mems or micromechanical) and (tunable adj capacitor or varactor)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 18:01
L38	900	(micro-electro-mechanical micro adj electro-mechanical micro adj electro adj mechanical adj system MEMS) and (varactor variable adj (capacitor capacitance))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/20 18:01

## EAST Search History

L39	13	(US-20040075364-\$ or US-20040173876-\$ or US-20040094815-\$ or US-20030179535-\$).did. or (US-5579179-\$ or US-4868448-\$ or US-6175170-\$ or US-4342936-\$ or US-6232847-\$ or US-5859724-\$ or US-6633260-\$ or US-5536963-\$ or US-6701779-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/06/20 18:01
L40	8	L39 and capacit\$3	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/06/20 18:01
L41	1	("6992878").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/20 18:01
L42	5	("20030099082"   "6373682"   "6376787"   "6662029"   "6681063").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/20 18:01
L43	1247	(257/e21.008).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/20 18:01
L44	736	(257/e27.016).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/20 18:01
L45	4	L44 and mems	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/06/20 18:01
L46	4	("6177716"   "6328697"   "6388299"   "6443901").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/20 18:01
L47	581	capacitor and electrode with dielectric and mems	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/06/20 18:01
L48	6	"6,362,018"	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/06/20 18:01
L49	191	"6,160,230" "6,143,997" "5,970,315" "5,880,921"	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/06/20 18:01

## EAST Search History

S43	1	(US-2708244-\$).did.	USOCR	OR	OFF	2004/06/04 10:15
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## EAST Search History

S44	446	<p>(US-6566265-\$ or US-6566789-\$ or US-6566983-\$ or US-6571446-\$ or US-6583533-\$ or US-6583534-\$ or US-6584660-\$ or US-6586861-\$ or US-6587313-\$ or US-6589180-\$ or US-6605887-\$ or US-6614143-\$ or US-6618943-\$ or US-6620287-\$ or US-6623111-\$ or US-6624549-\$ or US-6628040-\$ or US-6630894-\$ or US-RE38278-\$ or US-6639340-\$ or US-6534900-\$ or US-6538362-\$ or US-6541895-\$ or US-6531937-\$ or US-6534898-\$ or US-6505919-\$).          did. or (US-6512323-\$ or US-6518690-\$ or US-6531805-\$ or US-6531806-\$ or US-6445109-\$ or US-6447887-\$ or US-6448691-\$ or US-6448693-\$ or US-6448695-\$ or US-6448699-\$ or US-6452309-\$ or US-6455980-\$ or US-6455981-\$ or US-6455984-\$ or US-6465934-\$ or US-6466106-\$ or US-6469421-\$ or US-6472610-\$ or US-6472797-\$ or US-6472798-\$ or US-6472799-\$ or US-6476538-\$ or US-6476540-\$ or US-6483056-\$ or US-6489706-\$ or US-6495945-\$ or US-6498419-\$).          did. or (US-6504287-\$ or US-6504118-\$ or US-6198208-\$ or US-6209994-\$ or US-6215231-\$ or US-6217979-\$ or US-6222305-\$ or US-6231779-\$ or US-6236144-\$ or US-6239534-\$ or US-6246013-\$ or US-6246156-\$ or US-6252335-\$ or US-6252337-\$ or US-6255762-\$ or US-6256849-\$ or US-6259187-\$ or US-6262516-\$ or US-6265811-\$ or US-6270202-\$ or US-6278224-\$ or US-6281617-\$ or US-6291927-\$ or US-6294860-\$ or US-6294881-\$ or US-6297578-\$ or US-6297579-\$).          did. or (US-6307300-\$ or US-6309055-\$ or US-6316866-\$ or US-6320296-\$ or US-6323580-\$ or US-6326563-\$ or US-6328433-\$ or US-6329741-\$ or US-6331747-\$ or US-6333591-\$ or US-6333681-\$ or US-6335667-\$ or US-6341408-\$ or US-6347441-\$ or US-6351056-\$ or US-6351057-\$ or US-6353371-\$ or US-6356006-\$ or US-6359370-\$ or US-6359374-\$ or US-6360600-\$ or US-6362542-\$ or US-6362558-\$ or US-6362561-\$ or US-6369489-\$ or US-6373461-\$ or US-6108880-\$).          did. or (US-6109738-\$ or US-6111343-\$ or US-6111818-\$ or US-6134762-\$ or US-6134962-\$ or IIC-6140746-€ or IIC-6142614-€ or       </p>	US-PGPUB; USPAT	OR	OFF	2004/06/04 10:07
6/20/2006 6:19:05 PM C:\Documents and Settings\dickey\My Documents\EAST\Workspaces\10736283.wsp					Page 7	